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PATENT**POWER OF ATTORNEY BY ASSIGNEE
AND REVOCATION OF PREVIOUS POWERS**

Juniper Networks, Inc. ("Assignee"), having a place of business at 1194 North Mathilda Avenue, Sunnyvale, CA 94089-1206, states that it is the Assignee of the entire right, title, and interest in the applications/patents identified on the attached copies of an executed Assignment and Exhibit A being previously recorded with the U.S. Patent and Trademark Office, and represents that the undersigned is a representative authorized and empowered to sign on behalf of the Assignee.

Pursuant to 37 C.F.R. §§ 1.36 and 3.71, the Assignee hereby revokes any existing Powers of Attorney, if any, and appoints Practitioners at Customer Number 28863 and the following Practitioners to prosecute and to transact all business in the U.S. Patent and Trademark Office in connection with the above-referenced applications/patents:



28863

PATENT TRADEMARK OFFICE

| | | | |
|---------------------|-----------------|----------------------|-----------------|
| Steven J. Shumaker | Reg. No. 36,275 | H. Sanders Gwin, Jr. | Reg. No. 33,242 |
| Kent J. Sieffert | Reg. No. 41,312 | Kari H. Bartingale | Reg. No. 35,183 |
| Jason D. Kelly | Reg. No. 54,213 | Daniel T. Lund | Reg. No. 58,614 |
| Darcy L. Grunwald | Reg. No. 56,902 | Jennifer M.K. Rogers | Reg. No. 58,695 |
| Michael J. Ostrom | Reg. No. 58,730 | Allen M. Lo | Reg. No. 37,059 |
| Jessica H. Kwak | Reg. No. 58,975 | Christine Lam | Ref. No. 37,489 |
| Kelly P. Fitzgerald | Reg. No. 46,326 | Jonathan B. Penn | Reg. No. 32,587 |

Pursuant to §3.71, the Assignee hereby states that prosecution of the above-referenced applications/patents is to be conducted to the exclusion of the inventor(s).

A Statement under 37 CFR 3.73(b) is enclosed.

Please direct all future correspondence in this application to:

Kent J. Sieffert
Shumaker & Sieffert, P.A.
1625 Radio Drive, Suite 300
St. Paul, Minnesota 55125
(651) 735-1100

Assignee of Interest: Juniper Networks, Inc.

Date: 2/27/07

By: 
Name: Mitchell L. Gaynor
Title: Vice President ~~Secretary~~ and Treasurer

Address of Assignee of Interest:
1194 North Mathilda Avenue, Inc.
Sunnyvale, CA 94089-1206

EXHIBIT A

| Title | Serial No. | Filing Date |
|---|-------------------|--------------------|
| EAP-MD5Tunneled Authentication Protocol | 60/430,398 | 12/03/2002 |
| Tunneled Authentication Protocol for Preventing Man-in-the-Middle Attacks | 10/728,360 | 12/03/2003 |
| Password-Authenticated Asymmetric Key Exchange | 60/726,899 | 10/14/2005 |
| Password-Authenticated Asymmetric Key Exchange | 11/580,757 | 10/13/2006 |

PTO/SB/96 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Paul FunkApplication No./Patent No.: 10/728,360 Filed/Issue Date: December 3, 2003

Entitled:

Juniper Networks, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

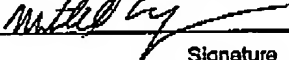
1. From: Paul Funk To: Funk Software Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 015319, Frame 0716, or for which a copy thereof is attached.
2. From: Funk Software Inc. To: Juniper Networks, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature
Mitchell L. Gaynor
Printed or Typed Name
Vice President, Secretary and Treasurer
Title

2/27/07
Date
408.745.2000
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

USPTO

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TO: KENT J. SIEFFERT COMPANY: 1625 RADIO DRIVE

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 13, 2007

PTAS

500237899AKENT J. SIEFFERT
1625 RADIO DRIVE
SUITE 300
ST. PAUL, MN 55125~~*500237899A*~~**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/13/2007

REEL/FRAME: 018999/0132

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FUNK SOFTWARE, INC.

DOC DATE: 02/27/2007

ASSIGNEE:JUNIPER NETWORKS, INC.
1194 N. MATHILDA AVENUE
SUNNYVALE, CALIFORNIA 94089-1206

SERIAL NUMBER: 60430398

FILING DATE: 12/03/2002

PATENT NUMBER:

ISSUE DATE:

TITLE: EAP-MD5 TUNNELED AUTHENTICATION PROTOCOL

SERIAL NUMBER: 10728360

FILING DATE: 12/03/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: TUNNELED AUTHENTICATION PROTOCOL FOR PREVENTING MAN-IN-THE-MIDDLE ATTACKS

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TO: KENT J. SIEFFERT COMPANY: 1625 RADIO DRIVE

018999/0132 PAGE 2

SERIAL NUMBER: 60726899

FILING DATE: 10/14/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: PASSWORD-AUTHENTICATED ASYMMETRIC KEY EXCHANGE

SERIAL NUMBER: 11580757

FILING DATE: 10/13/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: PASSWORD-AUTHENTICATED ASYMMETRIC KEY EXCHANGE

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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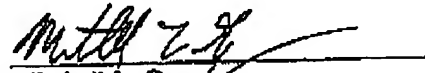
MAR 23 2007

ASSIGNMENT OF INVENTION

For good and valuable consideration, Funk Software, Inc. ("Assignor"), a Massachusetts corporation, having a place of business at 222 Third Street, Suite 2163, Cambridge, Massachusetts 02142, hereby assigns and transfers to Juniper Networks, Inc. ("Assignee"), a Delaware corporation, having a place of business at: 1194 N. Mathilda Avenue, Sunnyvale, California 94089-1206, its full and exclusive rights, title and interest in and to any and all inventions described and claimed in Exhibit A attached hereto, and all U.S. and foreign patents and applications to which such identified patents and applications relate or claim priority, any provisionals, continuations, continuations-in-part, divisions, reissue applications, extensions, Patent Cooperation Treaty applications, or derivatives of any of the foregoing, both foreign and domestic, and all legal equivalents thereof in all foreign countries.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrances has been or will be made or entered into which would conflict with this assignment.

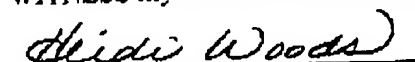
IN WITNESS WHEREOF, Assignor has caused one of its officers to hereunder set his hand on the date shown below to signify its acceptance of this Assignment.

Dated: 2/27/07ASSIGNOR
Funk Software, Inc.

Mitchell L. Gaynor
President of Funk Software, Inc.STATE OF CALIFORNIA)
)
COUNTY OF SANTA CLARA)
) ss.

On Mar. 2, 2007 before me, Heidi Woods, a notary public, personally appeared Mitchell L. Gaynor, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public
My Commission Expires:

EXHIBIT A

| Title | Serial No. | Filing Date |
|---|-------------------|--------------------|
| EAP-MDSTunneled Authentication Protocol | 60/430,398 | 12/03/2002 |
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